

ABSTRACT

The present invention provides: a novel DNA, a carcinoma-associated gene comprising the DNA, a recombinant protein encoded by the DNA, an antibody binding to the protein, an anti-carcinoma agent comprising the antibody, a low-molecular-weight compound binding to the protein, and a screening system. An example of such a novel DNA is a DNA comprising a nucleotide sequence encoding the following polypeptide (a) or (b):

(a) a polypeptide, consisting of an amino acid sequence identical to or substantially identical to the amino acid sequence represented by SEQ ID NO: 2; or

(b) a polypeptide, consisting of an amino acid sequence derived from the amino acid sequence represented by SEQ ID NO: 2 by deletion, substitution, or addition of one or a plurality of amino acids and having biological activity substantially equivalent to the functions of the polypeptide (a).